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Please download the latest datasheet of BLE18PS080SN1# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=BLE18PS080SN1%23

BLE18PS080SN1#

"#"at the end indicates the package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

BLE18PS080SN1B BLE18PS080SN1D BLE18PS080SN1J

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Packaging Information

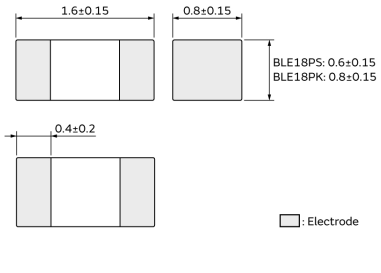
Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Features

1.Bead inductor BLE series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.
2.The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
3.BLE18PS080 can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 8ADC.

Appearance & Shape





(in mm)

Attention
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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BLE18PS080SN1#

"#"at the end indicates the package specification code.

Specifications

Shape	SMD
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.6mm
Thickness Tolerance	±0.15mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current (at 85℃)	8000mA
Rated Current (at 125℃)	5000mA
DC Resistance(max.)	0.004Ω
Impedance (at 100MHz)	8.5Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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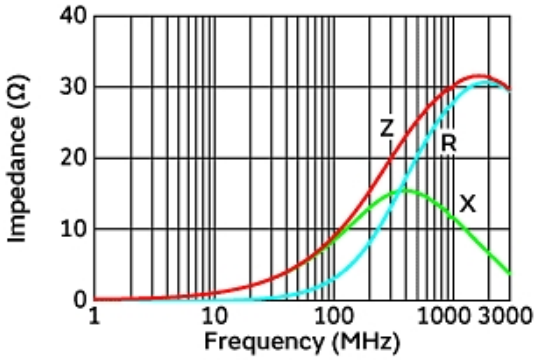
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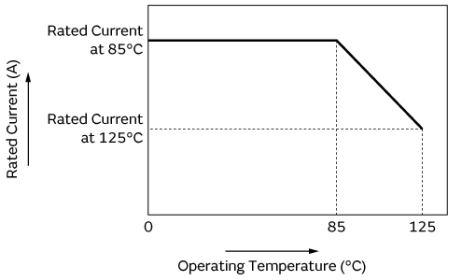
Product Data



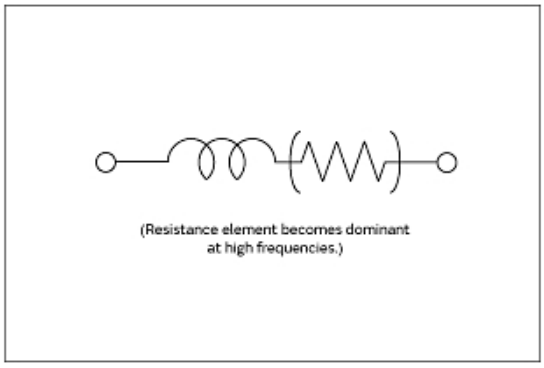
null

In operating temperature exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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